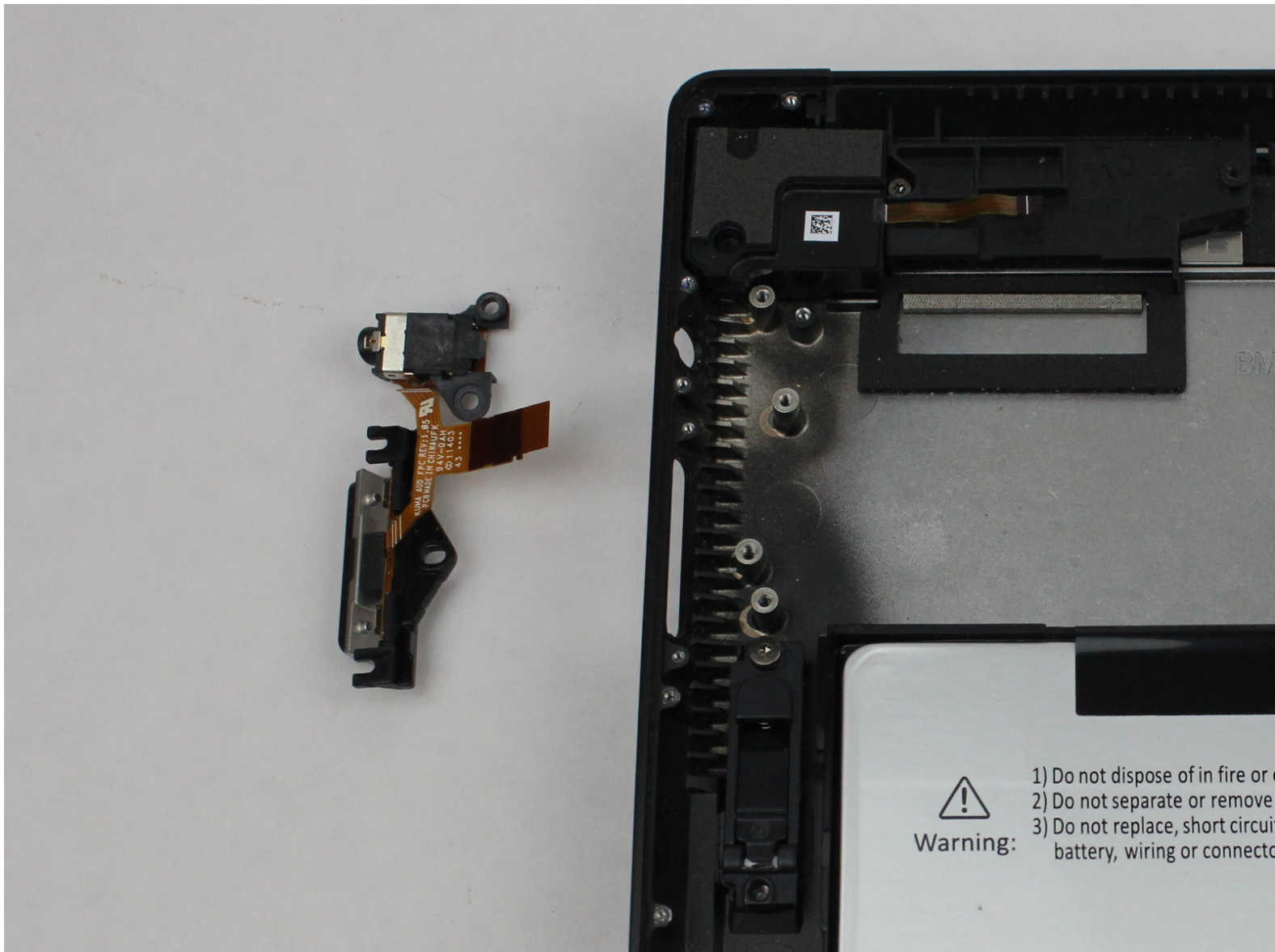




Microsoft Surface Pro 2 Audio Ports Replacement

This guide will show you how to replace the Audio jack and volume button assembly.

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TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Suction Handle](#) (1)
 - [Heat Gun](#) (1)
 - [Spudger](#) (1)
 - [T3 Torx Screwdriver](#) (1)
 - [T4 Torx Screwdriver](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — LCD Display




 To avoid electrical shocks, unplug and turn off your Surface Pro 2 before proceeding.

Step 2



 Avoid any skin or eye contact with the heating pad or heating gun because they may cause bodily harm.

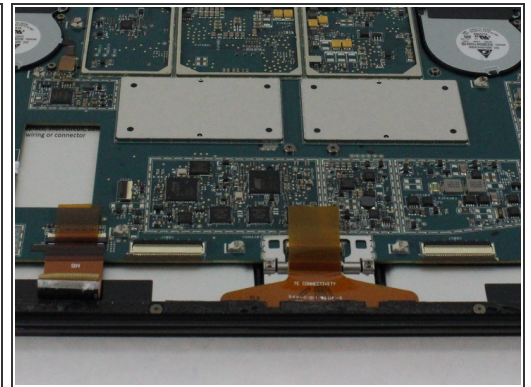
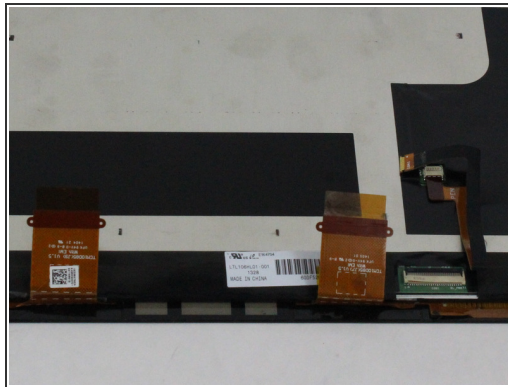
- Using a heating pad or heating gun, heat the edges of the screen to soften the glue. This area extends roughly one inch from the edge of the device.
-  The glue is under the darker border of the device display.

Step 3



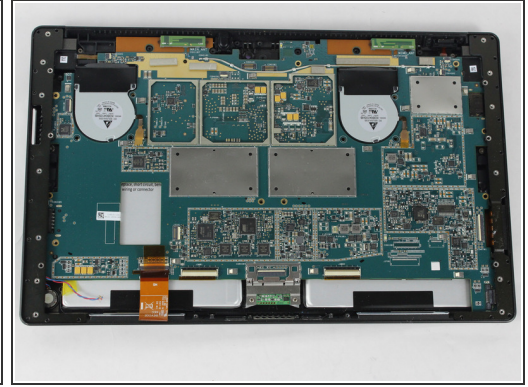
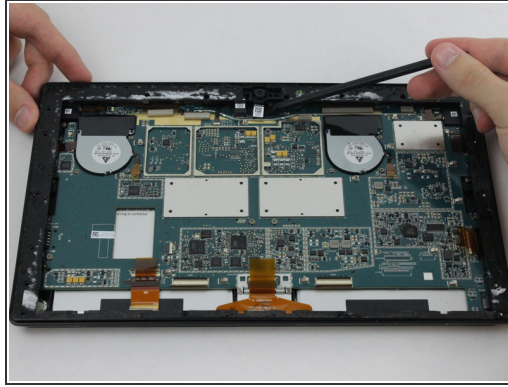
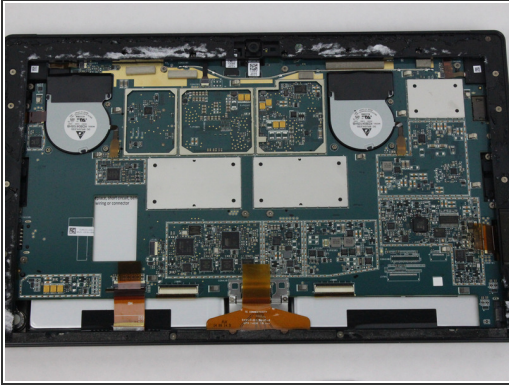
- Using a plastic opening tool and a suction cup as needed for leverage, gently insert one edge of the opening tool under the corner of the screen.
- ⓘ If the tool does not easily slide under the screen, return to heating before proceeding.
- Slowly work the tool around the entire edge of the screen.

Step 4



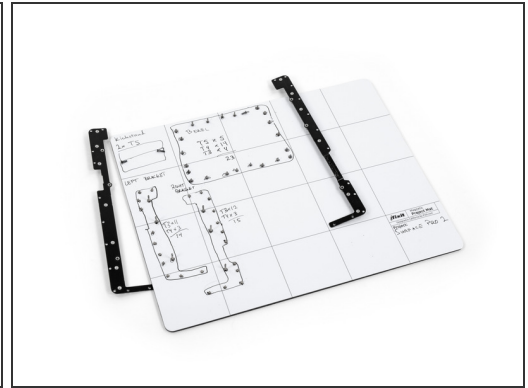
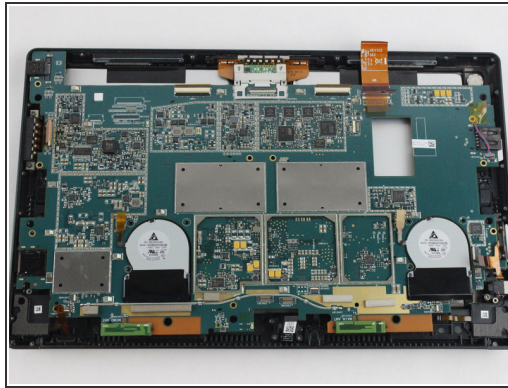
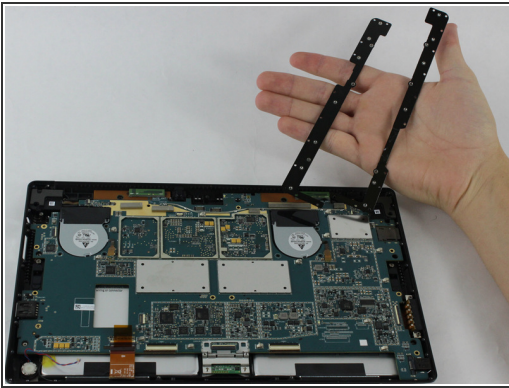
- Detach the orange cables that connect the screen to the motherboard by pulling on the small tabs. Using the nylon spudger, release these cables.
- ⓘ Please note the third small connector in red.
- Allow the glue to cool before letting it come into contact with any other surface.

Step 5 — Motherboard



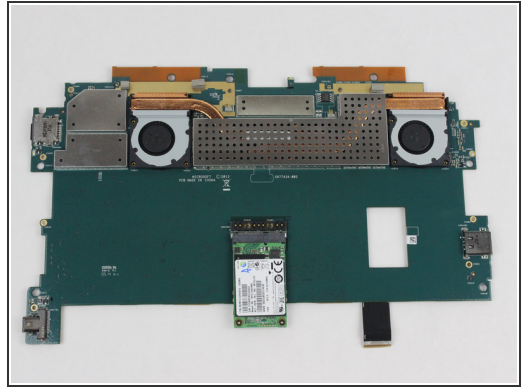
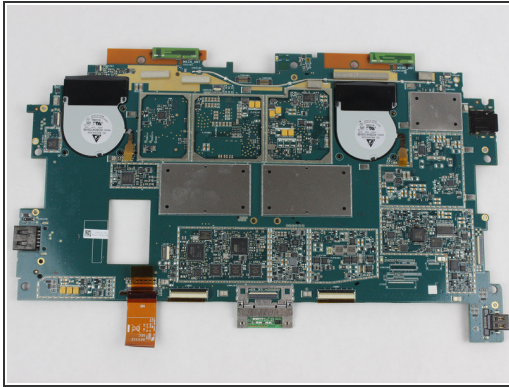
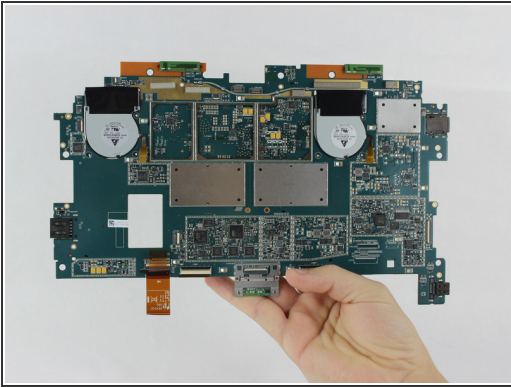
- Make sure that the front-facing camera is completely disconnected, and then remove the plastic bracket.
 - Remove the 22 screws on the bezel.
 - Remove the left and right brackets; the left has 16 screws and the right has 15 screws.
- ☑ The three different torx screws used are T3, T4, and T5.

Step 6



- Once the brackets are removed, set them aside.
- ❗ The motherboard itself also has screws.
- Remove the 25 screws of varying sizes that attach the motherboard to the back plate.
- ❗ View the attached photo of a screw diagram to help keep track of your screws.

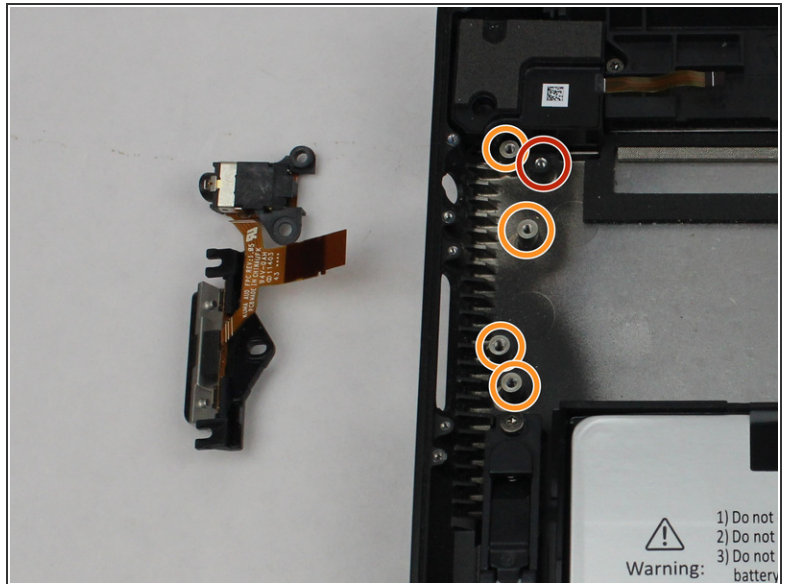
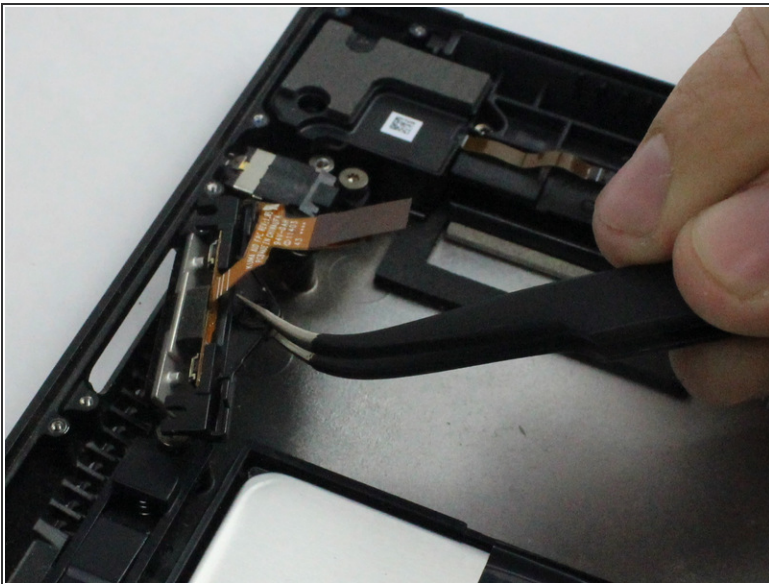
Step 7



i You have now completely removed the motherboard, and it should look like the pictures shown.

! Be sure to be cautious with all the connections with the cables on the motherboard.

Step 8 — Audio Ports



- The entire assembly can be removed by taking out one final screw.
- These screws as well as the ribbon were removed during the prerequisite guide for removing the motherboard.

To reassemble your device, follow these instructions in reverse order.

